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From: CN=Stephanie Vaughn/OU=R2/O=USEPA/C=US
Sent: Wed 11/21/2012 5:01:52 PM
Subject: Additional sediment sampling....
[Additional Sediment Sampling Location Recommendations.docx](#)

Hi Rob,

EPA has reviewed all sediment data that has been obtained since the start of the 17-mile RI/FS for the LPRSA. The results reviewed include data from:

- 2008 Low Resolution Coring Program (sediment corings to refusal)
- 2009 and 2010 Benthic Sediment Sampling Rounds (surface sediment samples)
- 2011 Supplemental Sampling Program (Short cores, generally to 2.5 feet)

The goals of the remedial investigation include obtaining enough information to determine the nature, extent, and risks posed by site-related contamination, to the extent necessary to select a remedy for the LPRSA. With this in mind, the focus of EPA's review was on surface and near-surface concentrations of 2,3,7,8-TCDD, Total PCBs, mercury, PAHs, and pesticides. In addition to data from the events listed above, the following additional information/ lines of evidence were reviewed:

- Additional locations of concern provided by NJDEP in June 2012
- Silt characteristics of the area
- Bathymetry survey results and erosional/depositional nature of each area
- Usage and ease of access

As we have discussed, additional sediment samples are needed to fill data gaps. Based on the review we conducted, we have compiled the attached list of additional sampling locations that we think warrant further investigation; we are willing to discuss the number, location, and depth of these samples with you. I understand that the CPG is interested in conducting this sampling concurrent with other additional sampling that will be conducted on the LPRSA early next year. As such, please submit a QAPP -- or QAPP addendum -- outlining the supplemental sediment sampling program within 30 days of your receipt of this email.

EPA also welcomes Partner Agency input into this process, and seeks their comments on both the suggested locations provided in this email and, once it has been submitted, on the CPG's draft QAPP (addendum). EPA requests that the Partner Agencies send comments to EPA on the locations provided herein within 21 days of receipt of this email, to allow time for the CPG to incorporate any recommended changes into the draft QAPP. Otherwise, or in addition, comments on the draft QAPP will be due 15 days after receipt of the QAPP.

Please let me know if you have any questions.

Thanks,
Stephanie

